DOCUMENT RESUME

ED 389 292 IR 017 584

AUTHOR	Riedinger, Edward A.
TITLE	Turned-on Advising: Computer and Video Resources for Educational Advising.
INSTITUTION	NAFSA - Association of International Educators, Washington, DC.
REPORT NO	ISBN-0-912207-73-6
PUB DATE	95
NOTE	61p.
AVAILABLE FROM	NAFSA Publications, P.O. Box 1020, Sewickley, PA 15143.
PUB TYPE	Reference Materials - Bibliographies (131)
EDRS PRICE	MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS	Annotated Bibliographies; *Audiovisual Aids; Career Counseling; College Entrance Examinations; College Preparation; Computer Networks; *Computer Software; *Educational Counseling; *Educational Resources; Higher Education; International Communication; Nonprint Media; Optical Data Disks; Student Adjustment; *Videotape Recordings
IDENTIFIERS	*Internet

ABSTRACT

This document informs advisers about nonprint information sources on college programs, college adjustment, preparation for college entrance examinations, financial aid, and career planning. The perspective is international; items aimed exclusively at an American audience are avoided. The first chapter concentrates on computer resources for advising--software on compact disks, diskettes, and videodisks. This chapter also concentrates on videotapes, most of which are less than one hour in length. The last chapter brings together printed resources on nonprint materials for advising. Each entry gives the title, date of production, equipment specifications such as type of computer operating system, price, vendor or producer, and a description of the item's contents. Items are coded with symbols indicating whether "essential to overseas advising" or "would be useful as a reference resource," as appropriate. Other features include a list of distributors, procedures, publishers and subject and title indexes. (BEW)

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TURNED-ON ADVISING: COMPUTER AND VIDEO RESOURCES FOR EDUCATIONAL ADVISING

Edward A. Riedinger

Washington, DC
NAFSA: Association of International Educators
1995

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Library of Congress Cataloging-in-Publication Data

Riedinger, Edward Anthony, 1944-

Turned-on advising : computer and video resources for educational advising / Edward A. Riedinger.

ISBN 0-912207-73-6

Includes indexes.

1. Educational counseling—United States—Audio-visual aids—Directories. 2. Educational counseling—United States—Software—Directories. 3. Educational counseling—United States—Information services—Directories. 4. Students, Foreign—Counseling of. 5. Counseling in higher education. 6. International education—Information services. I. NAFSA: Association of International Educators (Washington, D.C.)

LB1027.6 R33 1995

To OSEAS, its first and future decades.

Historical Note: OSEAS stands for Overseas Educational Advisers. OSEAS is a subgroup of NAFSA: Association of International Educators, the largest association of professionals involved in international educational exchange. On 23 May 1983, during NAFSA's annual national conference in Cincinnati, Ohio, the Board of Directors, acting at the request of Michael Paige, a member of the Board, and Edward A. Riedinger, approved the formation of a task force on how overseas educational advisers could be incorporated as a group within NAFSA. On 15 May 1985, during the NAFSA conference in San Antonio, Texas and following the recommendations of the task force, the Overseas Educational Advisers (OSEAS) group was established within NAFSA. Its organization is by regions of the world.

Write the vision, and make it plain upon tables, that they may run who readeth it.

Habakkuk, II, 2

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ACKNOWLEDGMENTS

I wish to express my gratitude to the U.S. Information Agency and NAFSA in supporting the writing and production of this book. In addition, several people provided valued information in its preparation. I am grateful to Juleann Fallgatter, editor of *The Advising Quarterly*, for providing notes from her presentation at the 1994 NAFSA conference on computer resources available for educational advising. In addition, I thank my colleagues at Ohio State University: Prof. Jared Ingersoll, for his advice regarding computer equipment and software, and Prof. José Díaz, for the cataloging-in-publishing of this work. The university also must be recognized for the ample computer resources that made possible the research for this book. Further, I wish to acknowledge the assistance obtained from Lee Zeigler, a former president of NAFSA, a valued friend, and author of *Film and Video Resources for International Educational Exchange* (NAFSA, 1992). I also thank the many publishers and producers who so generously provided me with catalogs, advice, trial use of videos and software, and demonstration disks.

Mark Bowerman at NAFSA's central office and Craig Rice at St. Olaf College contributed valuable information on the Internet.

Of course, while I recognize all of these contributions, I emphasize that any errors or omissions are my own.

INTRODUCTION

In *Where in the World to Learn: A Guide to Library and Information Science for International Education Advisers* (1995), I referred to the critical need in overseas educational advising for a guide to nonprint resources. Little did I realize as I wrote that observation that only a few months later I would be invited to write such a guide. I am, therefore, quite pleased to try to remedy the deficiency.

Nonprint materials for advising are among the most efficient, comprehensive, and richest in conveying information. In contemporary culture, computers and video complete, or complement, books and periodicals as means of communicating information. For some observers, computers and videos promise to dominate information services. Books and journals, including this book, are now issued in paper and electronic editions.

More and more one does not turn pages for information. One turns on either a computer, a video recorder, or some other machine. Understanding that educational advising is essentially a highly specialized information service, it is paramount that U.S. overseas educational advisers be aware of these increasingly important resources. Moreover, given the rapidity and extent of their growth, it is as important to know what new resources are appearing or emerging as it is to know what currently exists.

In *Turned-on Advising: Computer and Video Resources for Educational Advising*, I wish to inform advisers about nonprint resources available for their advising centers in order to ensure the maintenance of those centers as professional educational information services. Insofar as such maintenance requires knowing not only what currently exists but accompanying what further—and rapidly—appears, this work is also concerned with imparting skills for keeping abreast of future production.

The first chapter concentrates on computer resources for advising, that is, software on compact disks, diskettes, and videodisks. The final section of this chapter explains resources available through the Internet. The next chapter concentrates on videotapes. The final chapter brings together printed sources on nonprint materials for advising.

Since this book is organized as an annotated bibliography, there are descriptions of all items included. I have made it selective based on my experience of almost two decades in advising and in writing and consulting on it. I have not included items such as magnetic tapes, that require equipment beyond the normal scope of an advising office. Further, I have generally not included many videos longer than an hour, because longer videos exceed the normal range

for either individual or group advising. I also have tried to avoid including items on financial aid or career and college selection aimed exclusively at an American audience. On the question of cost, I have included some which are rather expensive (beyond the reach of the average advising center budget) in the hope that awareness of such resources may bring about increased budgets for more efficient advising operations and pooling of funds for regional access to new resources.

This book is not an exhaustive listing of resources. Its purpose is, rather, to identify a core of material that advisers may acquire based on having funds to acquire it, equipment to use it, and clientele to take advantage of it.

It is a commonplace that nonprint information services are the cutting edge of the information field. They are, one might say, the "main drag" of the much talked about information superhighway. I hope that this work will allow advisers to drive successfully along this modern course and even enable them to push the pedal to the floor.

May 1995

ABBREVIATIONS

ACT	American College Test
CD-ROM	Compact Disk-Read Only Memory
CGA	Color Graphics Adapter
DAT	Dental Admission Test
ETS	Educational Testing Service
E-mail	Electronic mail
FLEX	Federal Licensing Exam
FTP	File Transfer Protocol
GED	Graduate Equivalency Exam
GMAT	Graduate Management Admission Test
GRE	Graduate Record Examination
IBM	International Business Machines (refers to IBM computers and 100 percent compatibles)
IIE	Institute of International Education
K	Kilobyte
LSAT	Law School Admission Test
Mac	Macintosh
MAT	Miller Analogies Test
MB	Megabyte
MCAT	Medical College Admission Test
MHZ	Megahertz
MS-DOS	Microsoft Disk Operating System
mins.	Minutes
NAFSA	NAFSA: Association of International Educators
NSF	National Science Foundation
PCAT	Pre-College Admission Test
RAM	Random Access Memory
SAT	Scholastic Assessment Test
TOEFL	Test of English as a Foreign Language
U	U-matic
USIA	United States Information Agency
USIS	United States Information Service (USIA overseas)
VGA	Video Graphics Array
VHS	Video Home System
WWW	World-Wide Web

COMPUTER RESOURCES: SOFTWARE AND THE INTERNET

Computer-based resources for advising include information that is obtained from an individual's computer or an office computer network via software on CD-ROMs and diskettes. Alternatively, information is now accessible from a global network of millions of computers throughout the world linked by telephone lines, fiber-optic cables, radio transmitters, and satellites, known as the Internet. Such resources play a rapidly growing role in all information services and promise to become important in the future of advising.

The first part of this chapter is divided according to types of software: CD-ROMs and diskettes. The last part concentrates on the Internet, explaining how it is organized, how to access its resources, and some of what exists on it for advising. The software covered in this chapter is that which can be used with personal computers, the kind of hardware most generally available.

Each entry gives title, date of production, type of computer operating system, price, and vendor or producer. Following these is a description of the item's contents. Software or hardware notes appear at the end of entries. The contact information for each vendor is located in the "List of Distributors, Producers, and Publishers" section of this book. The information should allow advisers to select items based on: (1) the relevance of the software to advisees, (2) compatability with other hardware and software resources, and (3) the comparative prices of similar items.

Before purchasing software, examine the publisher's catalog for information on hardware compatibility. If necessary, contact the publisher to verify the compatibility of the software with a particular type of computer. Such precautions are especially important given the worldwide readership of this guide and the great variety of hardware involved.

Manufacturers license their products to their customers to protect them from unlawful copying. A "network license" allows the customer to use software on one computer that is linked to various others. The price of the software in this case is determined by how many computers are linked to the one on which the software resides. A site license allows a group of unlinked computers at a given site to each have a copy of the software. In both cases, the price the customer pays depends in part on the extent of software use.

The prices listed below are for one software program to be used on one computer. Prices for networking the software or using it on

multiple computers are determined by the manufacturer on the basis of how many computers in the network or at the site are involved. To obtain this information one must contact the producer or vendor.

A triangle (▲) indicates that an item is essential to overseas advising. A square (■) means that it can be a useful addition and may be a requirement as a reference resource in a regional advising coordination center. The lack of any mark means that usefulness can be determined by each advising center. Markings do not attest to the quality of a product or its information but only to its relevance for advising.

CD-ROM

A CD-ROM is equal to many hundreds of diskettes (also known as floppy disks) and can store the equivalent of several hundred thousands of printed pages.

CD1. *Barrons's Profiles of American Colleges on CD-ROM*, version 2.0. 1994, IBM, Mac, Windows, $49.95, Laser Resources.

This database includes 1,650 schools and allows keyword searching of the full text. It is possible to search the text for entries containing, for example, the words "accounting" and "Florida." Through college-cost-code tables, searches can be limited to schools within one's financial range. Visuals include color photographs, video clips, and a regional U.S. map allowing one to quickly locate colleges. For several dozen schools admission applications and catalogs are included. Previously searched profiles can be saved, facilitating comparision of schools. This resource is most useful for undergraduate school selection.

For IBM PC and Windows system 3.1; Mac uses system 6.0.5. ▲

CD2. *Career Opportunities*. 1994, IBM, Mac, $49.95, Quanta Press.

This program is an alphabetical listing of 439 job descriptions and qualifications compiled from U.S. government data. It can be used in overseas advising to allow individuals to understand how educational patterns for careers in the United States may be similar to or different from those in an advisee's country. Allows keyword searching of the text (to a maximum of three keywords per search). Keywords are highlighted in the retrieved text.

Operates on IBM PC/XT/AT/PS2 and at least MS-DOS 2.0 with 640 K memory required.

CD3. *The Chronicle Guide to Grants*. 1995, IBM, $395 (with five bimonthly updates), *The Chronicle of Higher Education*.

This resource contains information on more than 12,000 foundation and corporate grants. Keyword searching allows one to search the database sources of financial support that meet one's needs. It is primarily for support of research, and many entries include restrictions on grants to individuals, particularly noncitizens and nonresidents (U.S.) or those not having

American citizenship or residence in the U.S. The data for this software is provided by *The Chronicle of Higher Education* and *The Chronicle of Philanthropy*.

Requires IBM PC 386 or greater (in some cases may be 286) with hard disk, 2 MB. There is also a diskette edition (3.5") for $295.

CD4. *CIA World Factbook*. 1994 (annual update), IBM, Mac, $49.95, Quanta Press.

This work is useful for advisers who need concise, reliable information on other countries. Based on U.S. government data, this program covers 264 countries and territories, giving information on communications, defense forces, disputes, economics, environment, geography, infrastructure, and vital statistics. Maps are interactive with the text, which is keyword searchable. .

For IBM PC/XT/AT/PS2 with 640 K of RAM; MacPlus or better needs 1 MB RAM, Apple HFS, and a program for foreign access file.

CD5. *CollegeSource*. 1994 (renewed annually), IBM, Windows, $798 (national collection), $348 (regional collection), Career Guidance Foundation.

This compact disk gives full-text retrieval of 3,600 catalogs, including two- and four-year colleges together with graduate schools, for more than 2,000 institutions. It is available as a national collection (all of U.S.) or as regional collections (eastern, north central, southern, western sections of the United States).

CollegeSource is based on the college catalog collection in microfiche from the Career Guidance Foundation. Unlike that collection, however, it can search or profile colleges and universities by factors such as accreditation, affiliation, cost, degrees (undergraduate or graduate), financial aid, location, majors and specializations (over 900), and size. It can also create comparative tables in order to evaluate schools in terms of costs or size, for example.

This resource is a dramatic demonstration of the leap that can be taken when a printed format (in this case, microfiche) is transformed into an electronic one. What was simply a collection of college catalog texts becomes, through the advantages of keyword searching and saving of files (in this case, college profiles), a dynamic directory of higher education, inclusive of two- and four-year colleges and of graduate programs, that can be individualized to the preferences of each advisee.

It requires MS-DOS version 3.3 and Windows 3.1 along with, at a minimum, an 80386/16 MHZ processor, 8 MB RAM, 15.5 available disk space, a VGA monitor, and a mouse. ▲

CD6. *CollegeView*. 1994 (annual update), IBM, Mac, Windows, $395, Wintergreen Orchard House.

This is a database covering 3,000 two- and four-year colleges. It is made to appeal to a late-teens audience, using dynamic elements such as video and audio clips, graphics, and phrasing such as "AppZap," meaning the capacity to submit electronic applications to selected colleges. Users can

create an individualized set of schools based on their particular criteria for admission, cost, location, major, etc. Some schools have provided more audio and visual material: "QuickView" and "FullView" presentations are available for those schools.

For IBM 486SX, 25 MHZ, 8 MB RAM, a 160 MB hard drive, QuickTime, modem, a color monitor, and a built-in floppy drive; for Mac, 68040 processor, 8 MB RAM, 160 MB hard drive, modem, color monitor, floppy drive. ▲

CD7. *800 College Boards.* 1992, IBM, Mac, Windows, $49.95, Queue.

This is a database that includes more than thirty programs of preparation for the ACT, SAT, and subject-area tests. Test-taking is simulated through a series of questions and answers, with correction of wrong responses.

IBM 386, MS-DOS 3.0, 640 K memory; for Mac, Apple HFS, 2 MB RAM. ■

CD8. *Electronic GOE (Guide for Occupational Exploration).* 1994, Windows, $295, Wintergreen Orchard House.

This database comprises more than 12,000 job descriptions, including educational and training requirements. Advisees abroad may examine how American career requirements or patterns match and diverge from those in their home country. *This resource, and others like it, must be used carefully abroad to avoid creating the impression that an American education is a vehicle for employment in the United States.*

This program needs a double-speed CD-ROM drive, a 386 or faster computer with a minimum of 4 MB RAM, and Windows 3.1.

CD9. *Encyclopedia of Associations CD-ROM.* 1994 (semi-annual updates), IBM, $1,095, Gale.

This database is a compilation of nearly 90,000 U.S. and international organizations. Each entry gives address and communication numbers for the association and a description of its purpose, activites, meetings, publications, budget, and personnel. The print version of this resource has proven fundamental in advising as a means of finding organizations that offer rare or specialized study and/or research opportunities. A resource used for a similar purpose, the *Research Centers Directory*, is not yet available for computer.

For IBM PC/XT/AT/PS2, MS-DOS 3.1, 640 K RAM, monochrome, CGA, EGA, or VGA monitor. ■

CD10. *ERIC (Educational Resources Information Center).* 1966 or 1983 to the present (quarterly update), IBM, Mac, NEC 9800, $1,195 (1966), $650 (1983), DIALOG OnDisc.

ERIC is a service of the U.S. Department of Education that indexes and abstracts almost 800 educational journals and thousands of research reports on topics in education. In its print and electronic versions, ERIC is important for an adviser needing current or past information on fields of study and areas of research related to topics in advising. International ERIC covers education in Australia, Canada, and Great Britain from 1976 to the present.

▲ Essential to overseas advising
■ Useful as a reference resource

An advising center can do without ERIC but advisers need it for professional development and continuing education.

For IBM, MS-DOS 2.1 and 640 K memory; for Mac, Apple HFS and 2 MB memory. Requires hard disk. ■

CD11. *Future Test*, admission series. 1993, IBM, Windows, $495 (two tests), $1,395 (twenty-five tests), Future Technologies.

This testing aid contains orientation for taking any of twenty-five standard admission tests, among which are the: ACT, DAT, FLEX, GED, GMAT, GRE, LSAT, MAT, MCAT, PCAT, SAT, and TOEFL. Each test preparation module familiarizes users with terms and definitions before testing them. The program then tests users on how well they have learned these. After becoming familiar with test terminology, users practice it in twenty different types of questioning such as multiple choice, reading comprehension, true or false, etc. A timer can be set to simulate the time of the real exam. Incorrect answers are saved so that users can isolate weak areas.

This program requires at least an IBM 386, multimedia PC, Windows 3.1, and VGA monitor.

Future Test is available also on 3.5" and 5.25" diskettes for IBM machines from the National Learning Corporation at $49.95 per disk. ■

CD12. *The Grants Database*. 1995 (updated bimonthly), IBM, Mac, NEC-9800, $850 (for one year), DIALOG OnDisc.

This database describes grants available from nearly 9,000 private and public funding sources for almost 100 fields of study or research. Keyword searching of entries including information on agency address and communication numbers, amount of funding available, deadlines, and qualifications for grant applications. This database is useful in finding financial aid for organizational research projects and, to a limited extent, for individual undertakings.

For hardware information, see entry CD9. ■

CD13. *Lovejoy's College Counselor*. 1994 (annual update), IBM, Windows, $149 (standard version) $299 (deluxe version), Wintergreen Orchard House.

This program brings together several databases, useful primarily for undergraduate education. It includes college admissions data, a guide to decision making for majors, indexes of majors and sports, occupational outlook information, and scholarship data. The deluxe version includes technical, trade, and business school data. The advantage of this resource in relation to others for undergraduate college selection is that it includes career guidance or orientation, a service that cannot always be provided in overseas advising. Moreover, the deluxe version makes possible comparisons of college and technical education careers. It includes sound, graphics, and video.

Requires at least an 80386 SX/16 MHZ processor, 4 MB RAM, multimedia capacity, VGA monitor, 8-bit sound card, Windows 3.1, and MS-DOS 3.1. ▲

CD14. *Map'n'Go*. 1994, IBM, Windows, $59, DeLorme.

This program is a map database which allows plotting of travel plans for over one million miles of roadways in the United States. It is useful in advising for locating schools, understanding their regions, and planning travel. Routes can be planned in terms of road type and travel speed, with calculation of driving time and distance. It includes restaurant and accommodation information.

Minimum requirements include a 386 computer, VGA, Windows 3.1, MS-DOS 4.01, 4 MB RAM, and 3 MB hard drive. A sound card is optional.

CD15. *Peterson's College and Career Quest.* 1995 (annual update), IBM, Mac, Windows, $850, Peterson's.

This program combines career guidance, undergraduate or vocational school course selection, and financial aid information. The database includes 1,400 two-year and 2,000 four-year colleges, over 700 occupational descriptions, 7,500 vocational and technical schools, and 3,000 sources of financial aid.

The career-guidance section produces a report for the advisee that includes the results of a self-assessment evaluation, a portfolio of previous academic performance, and recommended activities for career planning. The outcome of the educational search produces a list of schools reflecting the advisee's desired characteristics and major. The financial report computes expected family contributions and possible complementary sources of aid.

This program offers a compact and thorough orientation, although parts of it are of more importance to an American student rather than to an overseas one. These exceptions apply particularly to the comparisons of college and vocational schools, and to the discussion of financial aid.

Minimum requirements for IBM are a 386, 5 MB hard drive, 4 MB RAM, VGA, and Windows 3.1; for Mac, 68020, 5 MB hard drive, 4 MB RAM, 14" color monitor, amd system 7.0. A multimedia Windows/Mac version is available for $950. ▲

CD16. *Peterson's College Database.* 1994 (annual update), IBM, Mac, $595, SilverPlatter.

This database profiles 3,500 two- and four-year colleges, including information on admission requirements (with test-score ranges), athletics, cost, financial aid, housing, special programs, and more. Individualized profiles can be prepared, allowing comparative evaluation of schools.

For IBM PC/XT/AT/PS2, MS-DOS 2.1, and 640 K memory; for MacPlus SE or II, Apple HFS, and 2 MB memory. ▲

CD17. *Peterson's GRADLINE.* 1994 (annual update), IBM, Mac, $695, SilverPlatter.

This program profiles over 30,000 graduate and professional programs in 300 fields at 1,500 U.S. and Canadian universities. It includes information on degrees offered and specializations, faculty and their research specialties, financial aid, and research facilities. It has keyword searching and saving of profiles for comparative analysis.

Hardware information is the same as that for CD16. ▲

CD18. *Street Atlas USA*, version 2.0. 1993, IBM, Windows, $125, DeLorme.

This database is a complete street map of the United States with over twelve million street segments together with features such as bodies of water, parks, and railroads. It can focus widely or zoom down, to pinpoint street-address numbers. Areas can be searched by name, zip code, or phone number. Useful for understanding the locale of institutions and for predeparture orientation and planning.

Minimum requirements are an IBM 386, VGA, Windows 3.1, MS-DOS 4.01, 2 MB RAM, and 3 MB hard drive.

CD19. *The USA State Factbook*. 1995 (annual update), IBM, Mac, $49.95, Quanta.

This database is an electronic almanac of the fifty United States and territories, allowing advisees to retrieve detailed information about the states in which schools are located. The text includes maps together with information on communications, economics, geography, government, holidays, politics, social icons, traditions, transportation, and vital statistics.

For IBM PC/XT/AT/PS2, MS-DOS 2.0, 640 KB RAM; for MacPlus, Apple HFS, 1 MB RAM.

CD20. *U.S. Government Career Guides CD*. 1995, IBM, Windows, $199, Gale.

This resource brings together two publications of the U.S. Department of Labor, the *Occupational Outlook Handbook* and the *Dictionary of Occupation Titles*. The former is especially helpful in advising because it furnishes educational and training requirements for various occupations in the United States. Thus, overseas advisees can compare how American educational standards compare with those required in their own country. This database allows searching by job title or any keyword in the text.

Hardware specifications must be obtained from the publisher.

Diskettes

Diskette-based software resembles that provided on compact disks. Diskettes have much less storage space, however, and thus may contain fewer visuals and less powerful search and retrieval engines. The graphic elements that do appear often have fewer shades, tones, and refinement. Larger programs come on more than one diskette.

DK1. *Accuplacer*. 1993, IBM 3.5", 5.25", pricing varies depending on number and type of tests acquired, College Board.

This database allows students to assess their capacities—for example, quantitative and communication skills—for college-level work. It is used primarily by guidance counselors in secondary schools to help students find the college in which they will function best and to help colleges find students who have the best prospects of completing their program.

International students and their advisers will probably find this resource

useful only when they need to estimate how well students from a foreign educational background will adapt to an American academic system. A forthcoming Windows version will include assessment of English as a foreign language and aids for students to improve core skills. A demonstration disk is available upon request.

Requires IBM PC/XT/PS2 286 or higher with 512 K internal memory, MS-DOS 3.0, 2 MB available space on hard disk, and graphics board. ■

DK2. *Career Options.* 1994, IBM 3.5", 5.25", $295, Peterson's.

Like most career guidance software, this database allows users to identify their interests, skills, and preferences and then link these to the most appropriate occupations. It describes the education and training necessary for several hundred careers, referring to research sources an advisee may consult.

The program helps advisees select colleges based on career goals and establishes a framework for considering a career based upon personal interests and abilities. Because career guidance is a neglected aspect of overseas advising, this focus is welcome. However, *the software must be used with caution in an overseas environment so as not to imply that an American education is a prelude to an occupation in the United States.*

Minimum requirements are MS-DOS 3.3, 512 K memory, and a hard drive. ■

DK3. *Cliffs Studyware.* IBM, Mac, 3.5", $49.95, Cliffs StudyWare.

This line of diskettes presents test-preparation programs for the ACT, GMAT, GRE, LSAT, and SAT. According to the publisher's brochure, "It scores four sample tests and analyzes the results according to specific topics. Then it generates an Individualized Study Plan that pinpoints areas of strength and weakness. The Study Plan directs students to practice drills so they can improve their skills, take another practice exam and measure their progress ... it explains both correct and incorrect answers."

Programs are available in versions four and five, for both IBM and Mac. For IBM, version four requires 256 K RAM free, two high-density floppy drives or one floppy plus hard drive, and any CGA, EGA, VGA, or Hercules card; version five requires 640 K RAM free, a 3.5" high-density drive or a hard drive with 2.5 MB, and any VGA or SVGA card. Both are Windows compatible. For Mac, version four needs 256 K RAM free, one or two double-sided 800 K disk drives or one double-sided 800 K drive plus a hard drive; version five needs 512 K RAM free, 800 K disk drive, and a hard drive with 2.5 MB free. Both Mac versions are compatible with system 7 and run on color or monochrome monitors. ■

DK4. *College Explorer.* 1996 (annual update), Apple II, IBM, 3.5", 5.25", $125, College Board.

This basic version of the College Explorer (as opposed to the PLUS version below) allows searching of 2,800 two- and four-year colleges. Searching is based on over 600 options, including admission rates, degree level, majors, setting, size, special services, sports, and other factors. It includes a help screen and user's manual along with a worksheet. An overseas student

using this program should have a good knowledge of American academic terminology, that is, the meaning of such terms as advanced placement, senior level, intramural, and so on.

Apple II must have at least 128 K RAM; the 64 K Apple IIe needs an 80-column card. IBM needs either PC-DOS 2.1 or MS-DOS 3.2 and a minimum of 256 K RAM. ▲

DK5. *College Explorer PLUS.* 1996 (annual update), IBM, 3.5", 5.25", $295, College Board.

In contrast to the basic version above, the PLUS program includes not only undergraduate (2,800 institutions) but also graduate and professional (1,200 institutions) education. Among the many search options for college programs are 580 majors. Graduate and professional programs can be searched by factors such as the availability of fellowships and assistantships, costs, and fields of study. Of special importance for overseas advising is the program's inclusion of international student information, covering requirements and special services for foreign students. It includes a user's manual.

Minimum requirements are PC-DOS 2.1 or MS-DOS 3.2, 256 K RAM, and hard drive. ▲

DK6. *College Cost Explorer FUND FINDER.* 1996 (annual update), IBM, 3.5" and 5.25", $495, College Board.

This is a database of more than 3,000 sources of financial aid for both undergraduate and graduate education. It allows matching of sources with individual qualifications. Undergraduate education has a separate database matching costs (as of each year) with aid available at 2,800 two- and four-year schools. The section for local financial aid information is quite useful because it allows individual advising centers to include local country resources. This information can help prevent disappointment since international students may not qualify for a good deal of the U.S.-based aid described in this program.

Requires at least PC-DOS 2.1 or MS-DOS 3.2, 512 K RAM, 2 MB of free space with 1 MB for local database, hard drive, a CGA or Hercules card (monochrome monitors). ▲

DK7. *College Finder.* 1994 (annual update), IBM, 3.5", 5.25", Windows, $259, Wintergreen Orchard House.

This database covers over 1,500 U.S. and Canadian colleges with 530 majors. By completing a questionnaire identifying fifteen items of college preference, the program produces a list of twenty schools most closely matching the questionnaire profile. A worksheet and reference volume, Arco's *The Right College*, accompany the program.

At least MS-DOS 3.1, 512 K RAM, hard disk with 475 K free; Windows 3.1, 2 to 4 MB RAM, 1.5 MB hard disk.

DK8. *College Selection Service: Four-Year Colleges or Two-Year Colleges.* 1994 (annual update), IBM, 3.5", 5.25", $165 (four-year), $125 (two-year), Peterson's.

This database is a guide to the college search and application process,

with information on 1,400 two-year colleges and 1,800 four-year colleges. It searches over 600 institutional characteristics. For schools selected, it can generate a letter to request admissions materials and a checklist to track the admissions process. IBM requires 256 K RAM.

The Mac version ($425), includes information on sources of financial aid. It operates on MacPlus or higher, with at least system 6.05. Requires a hard drive and at least 1 MB RAM. ▲

DK9. *Computer Diagnostic Exams.* IBM, Mac, Windows, $29.95, Princeton Review.

This software prepares users for the GMAT, GRE, LSAT, and SAT. Each program includes orientation to question types and reports one's progress. It includes full-length, regularly timed sample exams with in-depth explanation of answer choices for each test question.

For IBM PC 386 or higher, at least MS Windows 3.1 and MS-DOS 3.3, 4 MB RAM with 3 MB available, a hard disk with 12 MB free, SVGA monitor, and a mouse. For Mac, at least system 7.0, 4 MB RAM with 2.5 MB available, a high-density disk drive, a hard disk having 12 MB free, and a 14" 256 color monitor. ■

DK10. *Dollars for Scholars.* 1993 (updated every two years), IBM 3.5", 5.25", Mac, $295, Cambridge Educational.

This program contains over 2,000 sources of college financial aid from fraternal and veterans' organizations to foundations and religious and labor groups. The program begins with users providing a profile of themselves according to age, gender, grade average, nationality, race, sex, etc. It then matches this profile with the requirements of the financing organizations. The program can generate individualized letters of request to sponsoring organizations. The IBM version has a customizer allowing inclusion of information on local sources of aid. Unfortunately, in most cases, matching candidates with financial sources is not successful for overseas students because American citizenship or residence is required for much of the aid.

Mac requires at least system 6.0.4 and 640 K RAM; operates on any model with hard disk and minimum of 2 MB memory. ▲

DK11. *Enhanced ACT Preparation Series.* 1990, Apple II, IBM, 3.5", 5.25", $299.95, Cambridge Educational.

This database covers all areas (English, mathematics, reading comprehension, and science reasoning) of the enhanced ACT, which now emphasizes critical thinking skills. It presents simulated, timed ACT questions. A user's areas of weakness are identified for further practice. Feedback includes explanations of answers and scoring. A manual accompanies the software.

Needs at least MS-DOS 3.1. ■

DK12. *ExPAN.* 1996 (annual update), IBM, 3.5", Windows, single computer site $795; network site $1,125, College Board.

ExPAN is a comprehensive software program that links students and colleges in an electronic guidance and application system. ExPAN offers a student electronic portfolio, electronic college applications, the FUND FINDER

scholarship database of over 3,000 sources of scholarships, and a college search for over 3,000 colleges. Includes the full text of *The College Handbook*. It also contains a searchable career information module, giving students direct access to information on 237 careers. ExPAN also provides an electronic link to College Board programs, including on-line registration for the SAT. For advisers, ExPAN automatically lets you monitor student application status and generate administrative reports.

IBM 386 (or faster), 4 MB RAM; Windows 3.1., VGA graphics monitor, mouse, printer support by Windows. 13 MB of hard-drive space required if all optional *College Handbook* files are installed. Macintosh version available January 1996. Requires System 7 or higher and a Macintosh 68020 chip, 15 MB hard-drive space, and 8 MB RAM. ■

DK13. *Financial Aid Service.* 1992, Apple, IBM, 3.5", 5.25", $235, Peterson's.

The value of this program for overseas students is as an aid to planning for the cost and financing of an undergraduate education in the United States. In terms of aid, the program emphasizes American federal and state government support, which for the most part requires U.S. citizenship or residence. Because the program does not distinguish between aid for U.S. students and aid for foreign students, it could confuse overseas users about such sources so that clarifying explanations should precede use of this program abroad.

IBM needs 256 K memory, Apple 128 K. ■

DK14. *Guidance Information System II.* 1995, IBM, Mac, 3.5", 5.25", $1,095, Riverside.

This software is an integrated personal-interests inventory, career guidance, and school-selection database. It includes information on almost 1,500 occupations, 1,700 two- or four-year colleges, 1,800 graduate schools, and almost 700 sources of financial aid. Depending on the type of computer used, this software comes in a set of at least a dozen disks. The software is accompanied by handouts on techniques for choosing a college, college interviews, financial aid, touring campuses, and writing a college application essay.

Requires an IBM PC, 640 K RAM, EGA, VGA, or MCGA graphics, and compatible monitor; Mac requires MacPlus; both require hard disk. ▲

DK15. *Inside the SAT.* IBM, Mac, Windows, $54.95, Princeton Review.

This software for the Scholastic Assessment Test includes lessons on all question topics: algebra, analogies, arithmetic, calculator use, critical reading, decimals/fractions/percents, geometry, grid-in math, and quantitative comparison. It includes step-by-step drills, shortcut tips, four full-length practice tests, and an overview of the college admissions process. The program gives immediate feedback on errors and identifies weak areas.

Windows requires an IBM PC, 386 or higher, at least MS Windows 3.1 or MS-DOS 3.3, 4 MB RAM with 3 MB available, a hard disk with 12 MB free, an SVGA, 256 color monitor, and a mouse. Mac requires at least system 7.0,

4 MB RAM with 2.5 MB available, a high-density disk drive, a hard disk with 12 MB free, and 14" color monitor. ■

DK16. *MSPI Exploring Career Goals and College Courses.* 1993 (revised every two years), IBM 3.5", 5.25", Mac, $99.95, Cambridge Educational.

The MSPI (Merkler Style Preference Inventory) is a system allowing individuals to identify their preferences in styles of learning and working. Users rank or "inventory" their abilities, goals, problem solving methods, and values. The program then relates these to career characteristics and options and suggests study programs for careers.

Career guidance is often an important element in selecting an undergraduate institution and course of study. However, advising centers, which must provide information on so many levels and types of study and research in the United States, may not always be able to provide career guidance for prospective international college students. This resource allows such an orientation to be given even if the adviser does not have time to do so personally.

It must be noted, however, that this resource suggests study programs for careers in very general terms. The program does not have the capacity to focus on more specialized or exceptional college majors. ■

DK17. *The Occupational Outlook on Computer.* 1994 (annual update), Apple II, IBM 3.5", 5.25", $129.95, Wintergreen Orchard House.

This database includes the information in two U.S. Government publications, the *Dictionary of Occupational Titles* and the *Occupational Outlook Handbook*. These publications present U.S. educational and training requirements for numerous types of employment; they are useful for overseas students in relation to local country requirements. It includes much information, such as job outlook and salary, *which, without explanation prior to use, might lead advisees to view studying in the United States as a qualification, or prerequisite for working in the country.*

Minimum of MS-DOS 3.0, 1.2 MB RAM, 640 K hard disk. ■

DK18. *The Official Software for GMAT Review.* 1994, IBM, 3.5", 5.25", $59.95, Educational Testing Service.

This program "contains more than 700 test questions from actual GMATs with explanations written by ETS test specialists. It features interactive tutorials for each question type and includes two GMATs, different from the three in *The Official Guide for GMAT Review*. There is detailed performance feedback. Also included are samples of the new Analytical Writing Assessment essay questions." The advantage of the program, as with all test-preparation software, is the immediate feedback it gives on wrong answers, allowing users to focus on their weak areas.

Requires PC/XT/ATPS2, MS-DOS 2.0, 512 K available RAM, 4 MB free space, color CGA, EGA, VGA, and Hercules card.

DK19. *Passport to Your Future.* 1994 (annual update), IBM 3.5", $390, Network Data Systems.

This software allows selection of study at over 10,000 trade and technical schools, more than 3,000 colleges, and over 2,000 graduate programs. Each school and program is described in terms of admission requirements (including those for international students), expenses, financial aid, and accreditation. The database also includes career guidance, allowing users to identify school programs based on career and personal goals and interests. Demonstration software, comprising three diskettes, includes a representative number of each type of school. This software is also available as a videodisk.

Requires IBM PC/XT/AT/PS2 with a minimum of 640 KB memory and 22 MB available fixed disk space, PC-DOS or MS-DOS 3.0, color VGA or multisync monitor with MCGA or VGA adapter, and mouse.

DK20. *Recommendation Writer.* 1987, Apple II, IBM, 3.5", 5.25", $197, Wintergreen Orchard House.

Letters of recommendation for admission to an institution of higher education or for a grant application are often an unknown phenomenon to students abroad and to the individuals who might write such letters for them. This database is written for the individual who will write the letter. It contains one diskette with steps on how to format and organize the letter and a thesaurus for selecting appropriate, varied, and descriptive vocabulary about a candidate. There is another disk for individuals requesting letters of recommendation, with a questionnaire regarding candidate qualifications that can be given to the recommendation writer to incorporate into appropriate parts of the letter.

IBM PC, 256 K RAM; Apple, 126 K. ■

DK21. *Scholarship Finder.* 1995, IBM, Windows, $229, Wintergreen Orchard House.

This database covers almost 3,000 sources of scholarships with a minimum value of $1,000. For each award it includes the name, address, and phone number of a contact person, the number of awards given annually together with their average value, the criteria for qualifying, and application deadlines. It generates letters of inquiry.

DK22. *SIGI PLUS (System of Interactive Guidance and Information PLUS More).* 1994 (annual update), IBM 3.5", 5.25", pricing information from manufacturer, SIGI PLUS.

This is a career-guidance program, allowing students, principally those completing secondary education, to examine their skills and see how they fit with career goals and educational options. It includes orientation to both college preparatory and technical education curriculums. Because it is interactive, it allows students to proceed at their own pace. A training tape and manual for advisers are included. A thorough report for each occupation selected by the user includes extensive career and job information followed by details of the required college training. This software consists of a set of diskettes. *SIGI PLUS* is a product of the Educational Testing Service.

Requires IBM PC/XT/AT/PS2, MS-DOS 3.3, 640 K RAM, color graphics monitor, and hard disk with 6 MB free space. ▲

DK23. *Website*. 1995, IBM, 3.5", $499, O'Reilly and Associates.

This product "enables users to publish information or transact business on the Internet's World Wide Web; includes a 32-bit HTTP server that lets users maintain documents and control access to them; provides a display of documents on the server and links to them; includes 'Enhanced Mosaic 2.0' and 425-page help manual." (Quotation from announcement in *The Chronicle of Higher Education*, 9 June 1995.)

DK24. *Peterson's Colleges with Programs for Students with Learning Disabilities*. 1994, $31.95, Peterson's.

This printed product is accompanied by a Windows (earliest version) disk. The book profiles 1,600 two- and four-year colleges in the U.S. and Canada; the disk allows computer searching for programs.

The Internet

The **Internet** is a linking of computer networks worldwide, a global "network of networks." Developed by the U.S. Department of Defense more than 25 years ago to ensure safe conduct of communications and data in the event of a national emergency, responsibility for the Internet was assumed by the National Science Foundation (NSF) once the academic community firmly established its presence there. In 1995 the NSF formally relinquished control of the Internet, the providers of which are now best described as an open market of communications companies.

In the past few years use of the Internet has increased dramatically, reaching audiences beyond the traditional scientific and academic constituencies. During the 1992 U.S. presidential campaign Albert Gore spoke of getting all Americans on the "information superhighway," popularizing the term and introducing millions of people to this emerging technology. Private commercial vendors in the United States such as Prodigy, Compuserve, and more recently America Online use telephone lines to create wide networks—distinct from the Internet—over which computer owners communicate from their home with people on the same network, shop on-line from businesses advertising on these exclusive networks, and receive news and entertainment reports.

While these commercial vendors introduced a graphically attractive network to the home computer world and were working to link these exclusive networks to the Internet, Swiss technicians developed a graphical interface for the Internet that resembled those found on the "user friendly" commercial sites; this interface is called the **World Wide Web (WWW)**. The WWW, explained in greater detail below, makes available commercial and educational materials for a broader audience. People access the Internet today from university campuses and research labs, using the original net-

work infrastructure, and from home computers and public libraries, connecting to the Internet with a modem and telephone line through commercial providers.

The Internet changes with extraordinary rapidity; already in its short life it has gone through several generations of innovation in producing, storing, and accessing data. Many books offer descriptions, directions, and tips for getting on and using the Internet, but be wary of anything published more than a year before the date of your intended purchase. The following orient readers to practical use of the Internet: *The Internet Directory* (New York: Fawcett Columbine, 1994), by Eric Braun; *The Internet Navigator*, 2d ed. (New York: John Wiley and Sons, 1994), by Paul Gilster; and *The Whole Internet*, 2d ed. (Sebastopol, Calif.: O'Reilly and Associates, 1994), by Ed Krol. These are readable and insightful volumes.

Education on the Internet (591 pp., $25) by Jill H. Ellsworth (from Sams Publishing, 201 West 103d Street, Indianapolis, Indiana 46290) is highly recommended for educational advisers. It provides information on sites for continuing and extension education and includes an orientation to electronic discussion lists among scholars worldwide in all fields of study.

Even with advances in the graphical capabilities of the Internet, the most popular tool of communication remains electronic mail (**e-mail**). Through it an overseas adviser can, for example, send to and receive messages from a colleague in the same building, a professor in another city, or a student in the United States—in short, anyone else who has Internet access. Unlike the telephone, the cost of sending an e-mail across town is the same as transmitting it to the other side of the world. When an Internet account is opened, either at a university or with a private vendor, the user is given an Internet address. Armed with access and an address, users can send and receive e-mail. The typical address is divided into two parts by the @ (at) sign. The left side of the @ sign is the individual's account name: jsmith, for instance. The right side contains the domain name—the host for the Internet account: nafsa.org. Oftentimes the names of specific computers within the host network are included as well: info, for instance. A typical address then might read jsmith@info.nafsa.org (not a real address).

In addition to sending and receiving mail between individual users, users can participate in e-mail-based discussion groups in which their electronic message is broadcast to anyone else who has subscribed to the same group. Such discussion groups use **mailing list** or **listserv** technology, in which an interested user sends a message to the listserv computer asking to subscribe to the list. For instance she may subscribe to Inter-L ("L" is attached to the topic to indicate that the discussion group uses listserv technology). Inter-L

runs on a computer at Virginia Polytechnic University, so she would send a message to listserv@vtvm1.cc.vt.edu with the request: subscribe Inter-L Jane Smith. The computer would automatically subscribe her, at which point she would begin receiving all messages that other subscribers post to the list. In turn her messages to Inter-L would be automatically redistributed to all other subscribers.

When getting on the Internet, prospective users should make sure they have "full Internet access." With a commercial provider it is often possible to establish an e-mail account and not have access to the more sophisticated tools. The Internet provider may offer two prices, one for e-mail and another for full access. While having e-mail alone can be useful for communicating with Internet users, other Internet applications give access to many of the resources explained below. To learn precisely how to use these applications, consult your Internet service provider.

One advanced application, **telnet**, permits those with full Internet access to link their computer directly to a host computer elsewhere on the Internet. They can then search for accessible files located on the host computer and, among other things, read and retrieve text documents back to their own computer.

Such retrievals are possible by using **file transfer protocol** (FTP), which allows Internet users to transfer text and data files between their own computer and computers elsewhere on the Internet that act as file servers. Remote users can log onto a file server using a password and obtain files located in public-access directories. Thousands of FTP servers can be accessed just by typing the word "anonymous" at the user name prompt and the user's e-mail address at the password prompt. These sites are known as **anonymous FTP** sites.

The challenge to using FTP is knowing the specific addresses of FTP sites worth visiting. To meet this challenge, computer specialists at the University of Minnesota developed a menuing system for file transfer that enables the Internet user to locate interesting files geographically, tunneling for example into sequentially ordered layers of menus called North America, United States, Minnesota, and the University of Minnesota to get to information that exists on file servers located at the University of Minnesota. This menuing system, called **Gopher** because the University of Minnesota mascot is the golden gopher and because gophers tunnel through the earth, makes it possible to locate informative directories and files without knowing their names in advance; users merely need to know where in the world the server is located. **Gopherspace** refers to the totality of these resources. Data stored on gopher servers is indexed and explored using a program known as **Veronica**.

WWW, the most recent stage in Internet development, combines

hypertext links (the ability to move from file to file within one file server to another located anywhere on the Internet) and multimedia (text, pictures, sound, film, and database integration) to free the Internet from its text-intensive, dead-end environment. Web documents contain text mixed with image and sound files, plus links to other relevent WWW sites. Rather than reaching the end of the document and exiting, the user weaves from site to site to site.

To access WWW information there are several finding aids, known as browsers. Browsers accommodate hypertext transfer protocol (HTTP), the method of delivering graphic- and link-laden files. WWW users will recognize http:// as the beginning of all web-site addresses, which are called uniform resource locators, or URLs.

The most prominent browsers as of this printing are **Netscape** and **Mosaic**. Those who have full Internet access can load Netscape on their computer by visiting Netscape's main file server, which on the web is called a **homepage:** http://home.netscape.com/. Thousands of WWW sites, or homepages, are developed and registered each month. Some are loaded with useful, attractively formatted information and links; many seem rather devoid of content. All are in developing stages. If one Web site looks promising but contains little information, visit again in a few weeks to see what has been added.

The Web can be searched by topic using any of several methods, called search engines. These search engines are maintained and monitored by people, not computers, and new homepages are listed only when the homepage creator contacts the individual who maintains the search engine. Useful search engines can be found at:
http://www.yahoo.com.
http://www.lycos.com/
http://www.infoseek.com/
http://inktomi.berkeley.edu/

To learn more about the web once you are on-line, visit http://www.w3.org/hypertext/WWW/TheProject. This resource is provided by the World Wide Web Consortium (W3C), a membership organization that sets standards and software specifications for web-site development.

Note that addresses of Web, Gopher, FTP, and telnet sites can lead the user through many directories to get to the destination file. Each slash (/) represents a new directory within a directory. Moreover, case and punctuation are often crucial to navigating the Internet. If you cannot get through to a site, check to see that you have typed the address precisely as it was given to you (assuming that it was given to you accurately!). Periodically a popular site will be inaccessible because of excess traffic. The busiest times of day on the Internet are mid-day in the United States (1:00 p.m. EST); the

lightest traffic is found in the middle of the night in the States.

The following resources located on the Internet are of particular use to overseas educational advisers. They are organized first by their technology (listserv, telnet, Gopher, and WWW), then alphabetically. Because sites are added and developed constantly, few details follow some of the addresses. The best way to find out more about these resources is to visit them yourself.

IN1. *Edupage* is a thrice-weekly electronic news bulletin (also accessible on WWW) dealing with information technology and U.S. higher education. It is maintained by a Washington, DC–based consortium of colleges and universities (EDUCOM) interested in improving education through information technology. *Edupage* distributes information about electronic access to and developments in American schools of higher education along with emerging electronic (or "virtual") universities. It has a very concise format, opening with a table of contents listing about a dozen items. Each item is usually no more than a paragraph in length. To subscribe to *Edupage* send an e-mail message to: listproc@educom.edu. In the body of the message type: *subscribe edupage Your Name* [e.g. John Smith].

IN2. *Inter-L* is a listserv maintained by members of NAFSA: Association of International Educators, a professional association in Washington, DC. Overseas advisers and members of OSEAS use Inter-L to keep in electronic touch with U.S.-based international educators. The listserv has several thousand subscribers, comprising foreign student advisers, admissions personnel, study abroad advisers, and others interested in international education.

To subscribe to Inter-L send an e-mail message to listserv@vtvm1.cc.vt.edu that reads: *Subscribe Inter-L Your Name, Your Institution*. If you have problems, contact Craig Rice (the Inter-L administrator), e-mail: cdr@stolaf.edu.

NAFSA's World Wide Web site, which will open in early 1996, will provide, among other things, links to sites of interest to overseas educational advisers.

IN3. The National Science Foundation's Science and Technology Information System (STIS) includes the text of many NSF publications that can be helpful in identifying the sites of specialized scientific research. One publication, *A Selected List of Fellowship and Other Support Opportunities for Advanced Education for United States Citizens and Foreign Nationals*, includes information on financial support for study and research in the sciences and other disciplines that does not require U.S. citizenship or residence. Access the text of NSF publications by sending an e-mail message to: stisserv@nsf.gov. Leave the subject line of the message empty and write as the text of your

message: *get index*. Or FTP to stis.nsf.gov; for username, enter: *anonymous*; for the password, use your e-mail address. Or telnet to stis.nsf.gov; at the login, enter: *public*.

IN4. Regional electronic networks of overseas advisers facilitate discussion of local needs, issues, and opportunities. These networks, or mailing lists, exist for Africa, the Americas, Asia, Australia and New Zealand, Europe, and the Middle East; they are known respectively as OSEAS-Africa, OSEAS-Asia, etc. The European networks have subdivided, with groups for eastern and central Europe (OSEAS-ECE), the Nordic countries (OSEAS-Nordic), and the United Kingdom and Ireland (OSEAS-UKI). One network, OSEAS-World, unifies these regional and subregional groups, enabling advisers to communicate with all fellow subscribers.

To join any of these networks, access the International Education Forum (listed below IN9) and obtain information on OSEAS resources under the menu item for the OSEAS-World integrated e-mail network.

IN5. Princeton Review, a company specializing in preparing students for American college admission tests, has established electronic mailing lists that act as discussion groups, organized for each of the most common exams. The lists are:

counselors@bloggs.review.com
(for educational guidance counselors in high schools)
gmat@bloggs.review.com
gre@bloggs.review.com
law_advisor@bloggs.review.com
(for advising about law school admission)
lsat@bloggs.review.com
mcat@bloggs.review.com
med_advisor@bloggs.review.com
(for advising about medical school admission)
sat@bloggs.review.com

To join any of these groups, send an e-mail message to: listname-request@bloggs.review.com; in the subject line, put the word: *subscribe*. The listname would be, for example, "counselors," "gre," "sat," etc. Leave the body of the message empty.

IN6. "Virtual colleges" offer courses of higher education exclusively by electronic means. A few that are accessible via their e-mail addresses are:

Electronic University Network
eunsteve@aol.com
Virtual Online University

billp@showme.missouri.edu
Globewide Network Academy
joe@mit.edu
America Online's Interactive Education Services
iescoord@aol.com

In addition, regular colleges and universities are also beginning to offer courses through electronic channels. One can learn about these through school catalogs, especially those dealing with continuing education or distance learning, or through guides such as *The Electronic University: A Guide to Distance Learning Programs* (Princeton, New Jersey: Peterson's, 1993). Also, commercial online information services, such as CompuServe or America Online, are offering electronic courses. Users should not assume that online educational courses carry full accreditation.

IN7. *LibroLine* is an electronic book service from the Yankee Book Peddler Company. Users of the service describe books in their area of interest, such as educational advising, counseling, or career guidance and are notified when the books are available. In buying books, indicate the type of shipping preferred and pay with a credit card. To join the service, telnet to: ybp.com, and follow the instructions on how to register. If there are any problems, send an e-mail message to: libro@office.ybp.com.

IN8. The Educational Testing Service has its gopher located at gopher://gopher.ets.org/.

IN9. OSEAS electronic resources are available on a Gopher, the *International Education Forum*, the address of which is gopher.csc.fi. The varied resources include field-of-study guides from *The Advising Quarterly*, background articles on other aspects of advising, use of e-mail in overseas advising, OSEAS reports, a worldwide directory of advisers, and a searching aid for finding resource files by keyword.

Since many users may not be able to access resources via Gopher, it is also possible to proceed via e-mail. Send a message to: gopher-mail@mercury.forestry.umn.edu. In the subject line, put: *gopher.csc.fi*. As the message, write:

Name=International Education Forum
Type=1
Port=70
Path=1/other/IntEdu/OSEAS
Host=gopher.csc.fi

Should you have any difficulties, you can consult with John Hopkins at the University of Tampere, Finland, who provides access to many OSEAS resources. His e-mail address is: john.hopkins@csc.fi.

IN10. *Academe This Week* is a weekly compilation of news and events in American higher education, produced by the *The Chronicle of Higher Education* and available on the Internet. Its gopher address is: chronicle.merit.edu. On WWW, it is: http://chronicle.merit.edu. For assistance in accessing *Academe This Week*, send an e-mail message to: help@chronicle.merit.edu. *The Chronicle* also has on-line *Academe Today*, http://www.chronicle.com, a more extensive news service, for which users must pay a subscription fee.

IN11. The American Higher Education Information Center, Szeged, Hungary is a Web page done by educational adviser Ildiko Ficzko. See what a peer is doing (http://www.bibl.u-szeged.hu/bibl/afit/menuw.html).

IN12. American universities that have created homepages on the web are listed at http://www.clas.ufl.edu/CLAS/american-universities.html. Each hompage is likely to include the university's course catalog and may even offer guidance on how to access the catalog of the university library.

Such catalogs are important in advising for several reasons. They can be searched by author, title, subject, and keyword. Subject searching in "business education–directories" or "grants–United States" will yield a list of the latest publications in these areas. Subject of keyword searching can also reveal scholars or experts in a particular field through the extent of their publications. With this information, and knowing where the author teaches, one can locate universities most likely to offer specialized study or research opportunities.

IN13. The Conversa Language Center is another site for American universities and English-as-a-second-language information (http://www.iac.net/~conversa/S_homepage.html).

IN14. The Applicant Support Network helps you craft the most effective application for graduate and undergraduate schools (http://wl.iglou.com/asn/).

IN15. CollegeNet: Internet Guide to Colleges and Universities allows you to browse U.S. and Canadian institutions by geography, tuition, enrollment, and graduate programs (http://www.collegenet.com/).

IN16. For test preparation visit the Kaplan Education Center homepage (http://www.kaplan.com/). The magazine *Interactive Age* has rated Kaplan's site thirteenth among all commercial sites for its depth of content and quality of design.

IN17. The National Research Council's home page (http://www.nas.edu) provides rankings for research-doctorate programs at American universities from the NRC's recently released assessment of 41 disciplines at 274 institutions.

IN18. The Open Society Home Page, sponsored by the Soros Foundation, contains information about Soros affiliates, publications and press releases, programs, and application deadlines (http://www.soros.org/).

IN19. Peterson's Education Center is a "gateway to information about educational institutions for users worldwide ... interested in schools, colleges, and graduate programs in the United States," according to a January 1995 communication from Peterson's, the publisher of *Peterson's Guides*. This electronic version of some of Peterson's print resources is maintained on the WWW (http://www.petersons.com).

IN20. Financial aid information is available from the author of *The Prentice Hall Guide to Scholarships and Fellowships for Math and Science Students* (http://www.cs.cmu.edu/afs/cs/user/mkant/Public/FinAid/finaid.html).

IN21. Study in the U.S.A. Online Directory contains information about U.S. universities, colleges, and intensive English language programs, as well as articles from "Study in the USA Magazine" (http://www.studyusa.com/).

IN22. The U.S. Department of Education provides information about the Department of Education's publications and products, initiatives, and programs and services (http://www.ed.gov/).

IN23. The U.S. Information Agency's homepage contains links to press releases and speeches by USIA officials, information on the Fulbright program and other exchange opportunities, information about international broadcasting, and schedules of Foreign Press Center briefings and programs (http://www.usia.gov or gopher.usia.gov).

IN24. For information on U.S. higher education in the United States by subject, consult the following addresses at the University of Michigan, available on the Web, gopher, and by ftp
(http//:www.lib.umich.edu/chhome.html)
(gopher//:una.hh.lib.umich.edu/ll/inetdirs)
(ftp//:una.hh.lib.umich.edu/inetdirsstacks).

VIDEO RESOURCES

Nothing communicates more richly than images. Video is, therefore, among the most valuable resources in advising.

Overseas advisers may be surprised at the abundance of themes and topics covered by video and useful in overseas advising. For example, videos teach foreigners in the United States how to operate a motor vehicle and to do their shopping (the latter often requiring the former in the United States). Of course, the ability to acquire any of this material depends on the needs and financial resources of each advising center.

One finds, for example, a great many tapes available for predeparture orientation. Nonetheless, the average advising center would need an extensive budget to acquire them and possibly an orientation program a day or two in length to show them. Because it is rare for an advising center to have extensive time to show videos, I have not included longer tapes, such as many of those dealing with understanding other cultures. Lee Zeigler's book, *Films and Videos for International Education* (NAFSA 1992), describes a great many of the longer works.

The information for entries below consists of: title, year of production, type of tape (that is, PAL, U-matic, or VHS), length of showing time, price, and producer or vendor, followed by a description of the contents. Since postage charges will vary by country, one should consult the company from which one is buying before ordering.

"U" stands for U-matic video (3/4"). If a video is available also as a film, that fact is indicated by "16 mm."

A triangle (▲) at the end of an entry means that the item is essential to the conduct of advising. A square (■) means that the item is useful but may vary in importance depending on the clientele of each advising center. No mark means that acquisition is at the adviser's discretion.

VIDEOS

Some of the most essential advising videos are in need of updating. The occasion of their revision might also bring the opportunity to make them available in another format, possibly CD-ROM.

VT1. *ABC's of Eligibility for College-Bound Student Athletes.* 1994 (revised), VHS, 33 mins., $49.95, College Board.

This video is primarily for students in the United States and is therefore only indirectly of use to overseas advisees with athletic financial aid and/or career

goals. Nonetheless, it gives all students a complete and clear idea of the qualifications and extent of competition for athletic scholarships. It is accompanied by a checklist of items for students, parents, and coaches. ■

VT2. *American Culture in Modern Contexts*. 1986, VHS, two tapes, 60 mins. each, price from producer, Falcon West Media.

This work presents more than a dozen vignettes on American cultural concepts of time and scheduling, body language, and so on. All or parts of these tapes can be used in predeparture orientation programs.

VT3. *American Family Life: International Reviews*. 1988, VHS, 14 mins., $25, Juanita Brunelle.

International students give their impressions in this video of living with an American family. They discuss the consequences this experience has had on their own family life. This work is useful in orientation for youth exchange and homestay programs.

VT4. *American Social Behavior: Sources of Cross-Cultural Misunderstanding*. 1980, Beta, U, VHS, 30 mins., $149, Meridian International Center.

This work presents dramatizations of American behavior in relation to social formalities, domestic habits, concepts of time, relations between sexes, and other ordinary activities and concepts. It is useful for predeparture orientation although the period of its production leaves it a bit stilted.

VT5. *Cambridge Financial Aid Planner*. 1994, VHS, 30 mins., $19.95, Wintergreen Orchard House.

This tape explains the process and resources for undergraduate financial aid. It demonstrates the myths and realities of need-based and non-need-based financial aid, and describes how, when, and where to apply for aid. *Because of citizenship or residence requirements for financial aid, portions of this video will not be of use to the overseas advisee.* Nonetheless, it is helpful in giving an idea of all sources available and the procedures for pursuing them. ■

VT6. Cities and States of the U.S.A.

Numerous videotapes about particular American cities or states are available. These are, of course, useful especially in the predeparture orientation phase of advising and, to some extent, in the college selection process. To find such videos, one can consult *The Video Source Book* (described in the next section of this book).

VT7. *Cold Water*. 1987, U, PAL, VHS, 48 mins., $150, Intercultural Press.

International students at Boston University relate their experiences in adapting to American culture, values, and academic environment, a process described by one student as diving "into cold water." Specialists in cross-cultural relations provide commentary. This work is used by overseas advisers in predeparture orientation.

VT8. *College Admission Essay–Secrets of Writing.* 1990, 75 mins., $39.95, 1990, Video Aided Instruction.

The college admission test is often an entrance requirement with which international students are quite unfamiliar. This video gives a thorough explanation of the test's objectives and reviews the fundamentals of essay organization. Although this product may seem rather long for its purpose, given the unfamiliarity of overseas students with the requirement, the tape may serve them very effectively. ■

VT9. *The College Experience: What's It Like?* 1990, VHS, 33 mins., $199, Human Relations Media.

In this video college students present their views on how they handled the transition to college life, especially in dealing with stresses of campus life, the need for budgeting time, and making new friends. The experiences related are, of course, those of American students, but they will also be those of students from abroad. Given the variety of videos available similar to this title, the price may make its acquisition prohibitive.

VT10. *The College Success Video.* 1990, Beta, VHS, 70 mins., $39.95, Twin Tower Enterprises.

This video concentrates on the transition to study at the college level, focusing on the competitive, challenging nature of such an environment. Not all international students may be aware of the competitive climate awaiting them in an American college; however, the video takes more than an hour to convey the information.

VT11. *The College Survival Guide.* 1991, U, VHS, 23 mins., $325, Barr Films.

This video gives practical advice for concentrating on the academic challenges the first months of college can present. Given the brevity of the video, the narrow aspect of the college adaptation on which it concentrates, and the price, one may wonder whether it offers value. Many international students already are accustomed to fairly rigorous and demanding academic standards in their home countries–this tape assumes American students are not so accustomed. Like several other vjdeos on the market—especially those with "survival" as the theme—this offering reveals something about the weakness of American secondary education as preparation for higher education.

VT12. *Coming Home.* 1986, VHS, 40 mins., $10, Oregon International Council.

This video describes the positive and negatives aspects of an educational experience abroad, readjusting to one's own culture, and maximizing the benefits of an overseas experience. The setting of this tape is the United States; but the video may still be of use abroad, due to its concepts and portrayal of common dilemmas in reentry or return adaptation.

VT13. *Conquer the New S.A.T.* 1994, VHS, 4 hrs. in two cassettes, $59.95, Cambridge Educational. Price includes both cassettes plus a study guide.

This video set is divided between verbal and math skills for the Scholastic Assessment Test. The videos include time-codes to accompany the study guide. This set gives extensive examples of techniques and strategies, together with practice for preparing to take the SAT. The product is useful for overseas students unfamiliar with the methodology of the test. Also available is a one-hour digest of the set called *Conquer the New S.A.T.—Hints and Tips*, available for $19.95. ■ (depending on number of advisees seeking undergraduate education)

VT14. *Cultural Misunderstandings.* 1979, U, VHS, four tapes, 40 mins. each, $50 each or $150 for set, Colorado State University.

This series of tapes, over two hours long, gives quite a detailed predeparture orientation. It concentrates on the topics of meeting Americans, friendships, apartment hunting (two of the tapes), home utilities, cheating, social etiquette, and much more. Not all advising centers may be able to give such an extensive predeparture orientation, which may best be left to the on-site orientation programs of the university to which an international student is going. However, if an adviser knows that such orientation could be lacking, this series may become more appropriate. These tapes are quite old and were not made by professional video producers.

VT15. *Direct Connection.* 1985-88, Beta, VHS, 30 mins., $45, Video Project.

For use in showing the value of high school exchange programs, concentrating on the pioneering programs between the United States and the former Soviet Union.

VT16. *A Different Place* and *Creating Community: The Intercultural Classroom.* 1993, VHS, 37 mins., $395, Intercultural Press.

A two-part video concentrating on "issues that affect intercultural interactions in learning environments" (from catalog). The first part, *A Different Place*, dramatizes assumptions on the part of U.S. and international students in an American academic environment and illustrates how these affect stereotyping and conflict. The second part, *Creating Community*, deals with ways of evaluating and resolving the problems presented in the first part. Useful in overseas advising for predeparture orientation.

VT17. *Finding the Right College.* 1989, VHS, 35 mins., $98, Cambridge Educational.

This video focuses on selecting a college, using dramatizations and graphics. It emphasizes the factors a student should consider, such as size, locations, selectivity, cost, financial aid, setting, and majors. After identifying the factors important for each student, print and electronic reference resources are briefly examined. The dramatizations make use of a type of American humor that may make the essential information of this video obscure for those overseas.

VT18. *Focus on the SAT: What's on It, How to Prepare, and What Colleges Look For.* 1993, VHS, 20 mins., $30, College Board.

Gives tips on how to take the Scholastic Assessment Test, including sample test questions. Includes interviews with admissions specialists and faculty, including explanation of how the test is developed and applied. This product is a useful but relatively summary introduction for international students to the SAT and college admission testing in United States. ■

VT19. *Get Your ACT Together.* 1988, VHS, two tapes, 30 mins. each, $98 each, Cambridge Educational.

The first of these videos dramatizes a bad experience in taking the American College Test. In reviewing this experience, it shows how to avoid common mistakes in taking tests. It further explains test sections, time limits, and scoring. The second tape explains what is covered in each section of the ACT, giving examples of questions and strategies for responses. The product is useful for international students unfamiliar with this admission test and with American testing methods in general.

VT20. *Getting through the College Admission Process.* 1991, 60 mins., VHS, $39.95 including workbook, Cambridge Educational. Additional workbooks available for $5.95.

This tape defines the right college as the one that is best suited to an individual's personality, intellect, and financial resources. Students are guided through the steps of selecting and being admitted to colleges within a framework of what to do and when to do it. ■

VT21. *How to Avoid Crime in America.* 1989, VHS, 16 mins., $57, Newcomers to America.

Through practical methods and examples, this video shows people new to the United States how to protect themselves and their property against crime. Awareness of and apprehension about crime in the United States may vary among countries abroad so that overseas advisers may decide for themselves how relevant this video is in the orientation of their respective publics.

VT22. *If You Want to Study in the United States.* 1985, U, VHS (four tapes), 18 to 30 mins., no charge to advising centers.

Produced by the U.S. Information Agency (USIA) as a standard resource for U.S. overseas educational centers, the tapes (which would benefit from updating) outline how to consider the relevance and viability of studying in the United States, the procedures and resources for selecting a school and obtaining admission, and aspects of American academic and daily life. ▲ (needs updating)

VT23. *Introduction to American Public Schools.* 1989, VHS, 20 mins., $57, Newcomers to America.

Describes the American public primary and secondary education systems, emphasizing their social characteristics and importance. Designed pri-

marily for immigrants to the United States, it can be of use to overseas advisers in orienting students bound for high school exchange programs and parents with children going to live in the United States. (As title indicates, video does not cover private or parochial schools.)

VT24. *The Linden Video Library of U.S. Colleges and Universities*. Beta, NTSC, PAL, VHS, 12 to 15 mins., no charge to advising centers, Linden Educational Services.

Collection consists of videos produced by American colleges or universities interested in introducing themselves to overseas students.

VT25. *Living in a Consumer Society*. 1989, VHS, 19 mins., $57, Newcomers to America.

This video offers an orientation to the American market economy. It is of use for advisees who are not familiar with the procedures of contracts, guarantees, banking and checking accounts, credit cards, budgeting, and debts. It shows how individuals can protect themselves from fraudulent business practices.

VT26. *Living in a Multicultural World*. 1993, VHS, 20 mins., $329 (series price), $89 (individual titles), Ready Reference.

The series includes: *Interpersonal Relationships in a Multicultural World, Communication Skills in a Multicultural World, Developing Friendships in a Multicultural World, Overcoming Prejudice in a Multicultural World*. For use in predeparture orientation.

VT27. *Motor Vehicles and the Law*. 1989, VHS, 20 mins., $57, Newcomers to America.

For advisees who are especially concerned about being able to operate a car or other vehicle in the United States, this video details the legal requirements for doing so.

VT28. *Newcomers to America* series. Produced from late 1980s to the present, VHS, $57 each, from 10 to 26 mins., Newcomers to America.

This series was produced by an Oregon state program (Newcomers to America) for the orientation of new immigrants, from Asia, Europe, and Latin America. In addition to the titles cited individually in this section, the series contains videos dealing with the police, the law, health care services, banks, and many other topics. A copy of the producer's catalog can be helpful to an adviser in selecting the titles most appropriate for an advising center and its respective public. The series is produced in fifteen languages, besides English, including Korean, Polish, Russian, and Spanish. ■

VT29. *Professional Integration for a Smooth Passage Home*. 1986, U, VHS, 16 mm, 17 mins., $25, NAFSA.

This production deals with the problems of readaptation to one's home country after a period of study or research in the United States. It suggests solutions based on maintaining contact with U.S. colleagues, receiving U.S.

▲ Essential to overseas advising
■ Useful as a reference resource

publications, contacting U.S. scholars visiting one's country, and building a network. Ideally, this video should be seen before individuals return to their country. However, in the absence of such viewing, this video is still useful for overseas advising centers offering reentry and readaptation programs. ■

VT30. *Setting Career Goals.* 1988, 40 mins., $98, VHS, Cambridge Educational.

This video concentrates on developing career-goal awareness by focusing on self-awareness, career exploration, preparation, and participation. It also demonstrates mistakes made in this process, using both positive and negative examples. Unlike many career-selection aids which are specific to the U.S. job market, this video concentrates on the principles of career selection relevant to students anywhere in the world. Also available as a videodisk for $198. ■

VT31. *Study in the U.S.: Engineering.* 1985, 28 mins., $40. *Graduate Medical Education.* 1990, 30 mins., $40. *Humanities and Social Sciences.* 1986, 34 mins., $40. Beta, U, VHS, AMIDEAST.

The first of these three tapes discusses careers in engineering and presents requirements for university study at all degree levels in the field. Specializations in engineering are described as well. The second video deals with what a foreign medical graduate must do to obtain a residency at a hospital in the United States and describes the certification requirements of the Educational Commission for Foreign Medical Graduates and the procedures of the National Residency Matching Program. Alternatives to residency are discussed. The third video deals with selecting and applying to undergraduate and graduate programs in the humanities and social sciences. These tapes are fundamental in the initial stages of advising when advisees need to know the nature of a field of study in the United States, how to find programs in that field, and how to gain admission to the program of their choice.

The first and third tapes are available in Arabic, English, French, and Spanish. ▲ (needs updating)

VT32. *This Is a Test.* 1992, VHS, 45 mins., $69.95, Cambridge Educational.

This work concentrates on developing test-taking strategies by showing how to approach various test formats such as: essay, matching, multiple choice, true or false, and so on. Such preparation is presented as a useful way of reducing test-taking anxiety, thereby improving performance. This tape is quite useful for international students taking U.S.-based examinations abroad, as a way of becoming familiar with the variety and peculiarities of such testing. ■

VT33. *Understanding House and Apartment Rental in America.* 1989, VHS, 17 mins., $57, Newcomers to America.

Explains the responsibilities of a person renting a home or apartment, signing a lease, and paying rent on time. The rights of a renter are also

explained. This video is useful in detailed predeparture orientation programs.

VT34. *Video Test Preparation* series. Updated as tests are revised, VHS, 120 mins. each tape, $89, some videos with two or more tapes and higher price, Ready Reference.

This series contains video reviews for the following exams: ACT, GMAT, GRE, MAT, SAT, and TOEFL.

In addition, the producer offers diskettes (IBM and Mac, 3.5", $98 to $129) on preparing for the ACT, GMAT, GRE, and SAT.

Videos and software are accompanied by an instructional manual. ■

VT35. *The Way We Are Living Now: Portraits of International Student Spouses.* 1989, U, VHS, 18 mins., $25, NAFSA.

This video is appropriate in the predeparture orientation of students or scholars who will be accompanied to the United States by their spouse or children. Spouses in this video are understood to be wives, and the scenes it portrays concentrate on raising children in a different culture. The video focuses on problems of isolation and on opportunities to make new friends and to continue one's own education.

VT36. *What Is Expected of Foreign Graduate Students in the U.S.* 1982, Beta, U, VHS, 15 mins., $25, NAFSA.

This work is appropriate for predeparture orientation or for advisees looking for a graduate program in the United States and needing to better understand the nature of graduate study. It concentrates on required intellectual skills and study habits. Since this video was produced, however, changes in computer technology have considerably altered the character of graduate study. ▲ (needs updating)

VT37. *Where Will I Live?* 1987, U, VHS, 24 mins., $35, AMIDEAST.

Discusses how international students can obtain housing in the United States. Housing is defined as renting an apartment or room, or sharing a house with others. The video can be of use for predeparture orientation.

VT38. *Your College Application.* 1988, VHS, 32 mins., $29.95, College Board.

Based on the book of the same title, this video takes a student through the stages of the process for completing an undergraduate application form, concentrating on three aspects. The academic aspect of the application process involves what admission personnel consider when examining a student's test scores, grades, rank in class, and courses taken. In its treatment of the personal aspects of the process, the video shows how candidates can most strongly present themselves in their essay, in their descriptions of extracurricular activities, and in interviews. Finally it examines supporting documentation, such as letters of recommendation, and points out who should write them and what should be included. This video can be helpful to an overseas student insofar as it details and visualizes concepts and practices for applying to an American college which may be totally alien to a

foreigner. However, the adviser must warn the audience of changes in the admission process, especially those related to admission examinations, since the date of its production. To bolster the points made in the video, an overseas student should use the book upon which this video is based.

VT39. *Your Health in the United States.* 1980, VHS, 12 mins., $25, NAFSA.

This video introduces international students and scholars to the health care system (as it was more than a decade ago) in the United States, explaining types of facilities, professionals, and procedures. The explosion in costs over recent years, precautions needed because of the devastation of AIDS, and the growth of managed healthcare programs show the need for the revision the producer has promised for 1996. Health information is important in predeparture orientation–and may prove vital. ▲ (needs updating)

VT40. *Visa Videos Set: Applying for the F-1 Visa at an American Consulate and F-1 Student Visas and Status in the U.S.* 1995, VHS, $49.95, PAL, $59.95, 60 mins., 75 mins, Immigration Educational Services.

Prepared by immigration attorneys, these two tapes give a detailed, realistic examination of the student visa process. The first tape examines the application process overseas; the second deals with visa matters for students once they are in the United States. For overseas advising, the first tape is of most importance. It is especially good at addressing how students should present themselves and their case before visa-issuing officers. Such advice can be of crucial importance in avoiding the perceived arbitrariness of visa-granting decisions. The second tape will be important primarily for overseas advising centers in predeparture orientation programs. However, this type of information is also likely to be given by foreign student advisers at U.S. universities. A handy booklet, *The F-1 Visa Regulations: As the Dust Settles*, is also available ($7.95).

PRINTED SOURCES OF INFORMATION ON COMPUTER AND VIDEO RESOURCES

As important as it is to know what computer and video resources exist for educational advising, it is more important to know what new items are appearing. These resources tend to change rapidly and in multiple ways: there are new titles, new editions or versions, changes in producers, distributors, prices, and so on. To keep abreast of these changes one must regularly consult the major reference sources that publish information on new computer and video products. A list of core print resources an adviser may consult follows. Outside the United States, these reference works are mainly available in the libraries of large research universities and American cultural centers. If some of these items are not available, ask the librarian to order them, explaining their importance to educational-advising. All regional educational advising coordinating centers should have the works listed below.

A diamond (◆) at the end of an entry indicates that the title should be available in advising centers as a research resource, ensuring advisers the ability to update their nonprint materials.

PR1. *Books in Print*, 10 vols. 1994 (annual update), $450, R. R. Bowker.

This title is an annual compendium of all books in print, that is, commercially available, in the United States. Its volumes are divided by author, title, and subject. The subject volumes are useful for finding books available under headings such as "Internet," "video," "software," and many other topics relevant to nonprint materials for advising. A companion publication from the same publisher is *Forthcoming Books*, which has the same divisions. A CD-ROM version including book reviews is available, entitled *Books in Print Plus Reviews*. ◆

PR2. *Bowker's Complete Video Directory*, 3 vols. 1994 (annual update), $229.95, R. R. Bowker.

The first volume of this work is for entertainment; the second and third are for education and special interests. This directory includes information on videotapes and videodisks, which are indexed separately. A directory of manufacturers and distributors complements one for services and supplies that includes listings for, among others, video consultants, film-to-video transfer services, and furniture. The subject index has headings for "colleges and universities" and "careers." Titles are listed alphabetically with a brief description of contents together with technical and price information. There is a separate title index for works in Spanish. ◆

PR3. *CD-ROM in Libraries: Management Issues*, 1994, $60, Reed Reference.

This work examines the use of CD-ROM in libraries over the next decade, covering such issues as availability, publishers of such products, hardware, and buying, leasing, and licensing arrangements. Management issues include training and access. Case studies deal with academic, public, and special libraries.

PR4. *CD-ROMs in Print.* 1994 (annual update), $95, Mecklermedia.

This is an international guide to CD-ROMs, electronic books, and multimedia. It has a directory listing manufacturers and distributors worldwide. Title entries give a brief description of contents along with distributor, price, and complete hardware information. It includes subject headings for "careers" and "education and training."

PR5. *Choice.* Monthly magazine, $165 (annual subscription).

This periodical, published by the Association of College and Research Libraries, provides concise reviews of new books, periodicals, and electronic resources of interest to academic libraries. Its reviews of new software for academic purposes are an important way that advisers can remain informed of the latest computer resources relevant to American higher education and educational advising. ◆

PR6. *The Chronicle of Higher Education.* Weekly newspaper, $75 (annual subscription).

This publication serves the higher education community in the United States. Among its sections is one for information technology. This includes news on computer and electronic innovations in American colleges and universities. It also includes a section on new software useful for study and research in higher education, some of which is relevant to educational advising and career guidance. ◆

PR7. *Educational Film and Video Locator: The Consortium of College and University Media Centers and R. R. Bowker,* 2 vols., 1990, $191, R. R. Bowker.

This guide is published at irregular intervals; the first edition appeared in 1978. It covers films and videos of an educational or training nature. Titles are grouped by subject, and the audience level for each title is indicated. Headings in the subject index include "educational guidance," "schools," "universities and colleges" (including individual institutions), and "U.S. regions." There is a description of the contents of each title, including the producer and the members of the consortium holding the item. Overseas advising centers, not being members of this consortium, cannot benefit from its internal lending system. However, the producer information can allow them to acquire materials.

PR8. *Film and Video Resources for International Educational Exchange,* by Lee Zeigler. 1992, $6.50, Intercultural Press and NAFSA.

This work contains more than 300 entries on videos or films related to international education. The topics include: cross-cultural learning, cultural conflicts, international youth, and orientation to living and studying in the

◆ Should be available as a research resource

United States. Many of the listings are relevant to overseas advising, especially predeparture orientation, and have been mentioned in the "Videotapes" section of this book.

PR9. *Gale Directory of Databases*, 2 vols. 1995, $315, Gale Research.

This new directory includes information about online databases (all of first volume), CD-ROMs, diskettes, magnetic tape, handheld, and batch access database products. Much of the material is far beyond the needs of an advising center, and information on CD-ROMs is available in other sources. The subject indexes include headings for "career placement," "directories for educational and research institutions," and "higher education." Each title entry includes content description, system requirements, price, and distributor/producer address and communication numbers.

PR10. *The Internet Library: Case Studies of Library Internet Management and Use*, ed. by Julie Still. 1994, $37.50, Mecklermedia.

This work is not specifically targeted for advising, but may be of general use in showing how resources on the Internet are used within a library setting. Advisers may transfer these experiences to the advising center environment after seeing how the Internet can respond to the needs of advisers and advisees. The work includes articles on planning for an FTP site, use of the Internet in a one-person special library, and teaching use of the Internet.

PR11. *Multimedia and Videodisc Compendium: For Education and Training*. 1995 (annual update), $45, Emerging Technology Consultants.

This directory describes videodisks (or laserdisks), compact disks, and multimedia software for educational and training purposes. Titles are grouped by subject; those of most use to advisers appear in the section on career guidance. The contents of each title and the hardware it requires are explained, and there is a title index. Introductory charts explain features of videodisks and players and of compact disks. More than 2,500 titles are included with over 30 in career guidance. ◆

PR12. *Que's Computer User's Dictionary*, by Bryan Pfaffenberger and Judy Peterson. 1994, $12.99, Que.

This is a best-selling computer literacy dictionary (now in its fifth edition) which is regularly updated. It explains a wide range of terms related to hardware and software and, through intensive cross-referencing of terms, promotes understanding of the concepts and system operations of the computer. Many terms are illustrated. Tips and precautions are offered for certain computer operations.

PR13. *The Software Encyclopedia*, 2 vols. 1994, $222, R. R. Bowker.

This work contains descriptions of over 20,000 microcomputer software programs from 4,000 producers. Programs are grouped under thirty-eight subject headings. Education does not appear as a subject heading. It must be sought in subject areas of the encyclopedia under, for example, banking,

medicine, or music, in works dealing with training or career development. The contents of each title are described; and there is a directory of producers. ◆

PR14. *The Video Source Book*, 2 vols. with supplement. 1995, $260, Gale.

This is a guide to almost 140,000 video programs from nearly 2,000 sources and includes educational and instructional topics. It has subject listings for video titles, with headings such as "cities and towns," "college," "educational testing," and "U.S. states." For each title, there is a brief description of contents together with information on price, format, and distributor, including a directory for the latter. A supplement is issued during the year, giving the latest releases. ◆

PR15. *World Databases Series*, ed. by C. J. Armstrong. 1993-present, at least $165 per vol., Reed Reference.

The volumes of this series are progressively appearing, describing databases (CD-ROMs, diskettes, fax searches, magnetic tapes, online, etc.) for various professions. Volumes for agriculture, business, energy, the humanities, medicine, and the sciences have already appeared. Entry information is detailed, including a comparative evaluation of databases. The volume on education has not yet been published but should benefit advisers. The volumes that have appeared already are of use because they include titles for training and continuing professional development in their respective areas.

DISTRIBUTORS, PRODUCERS, AND PUBLISHERS

Most of the following distributors, producers, and publishers offer catalogs you may order free of charge. *Being on the mailing list of these companies is one of the most effective ways of staying updated on computer and video resources for advising.* Many catalog items can be examined before purchasing either by requesting a demonstration product or by ordering based on a trial examination period (usually thirty days). When ordering from overseas, inquire about a trial examination. I strongly urge advisers to get on these mailing lists. In so doing advisers open lines of communication for themselves and access to original sources of information for nonprint materials.

AMIDEAST Publications
1730 M Street, NW, Suite 1100, Washington, DC 20036-4505
Phone: 202.776.9600; Fax: 202.822.6563

Barr Films
Post Office Box 7878, Irwindale, CA 91706
Phone: 818.338.7878, 800.234.7878; Fax: 818.814.2672

Cambridge Educational
Post Office Box 2153, Charleston, WV 25328-2153
Phone: 304.744.9323, 800.468.4227; Fax: 800.FAX.ON US

Career Guidance Foundation
8090 Engineer Road, San Diego, CA 92111-1988
Phone: 619.560.8051, 800.854.2670; Fax: 619.278.8960

Choice Magazine
100 Riverview Center, Middleton, CT 06457
Phone: 203.347.6933; Fax: 203.346.8586

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The Chronicle of Philanthropy
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NOTE ON THE AUTHOR

Edward A. Riedinger (MLIS, University of California, Berkeley; MA, PhD, University of Chicago) was Educational Advising Officer of the Fulbright Commission of Brazil in Rio de Janeiro (1979–88) and founder of the Working Group of U.S. Overseas Educational Advisers in South America (1984–88). He initiated the establishment of OSEAS, becoming its first Latin American regional representative (1985–88). Now a writer and consultant on educational advising, he is especially interested in its professional development as a specialized library and information operation. He is on the faculty of Ohio State University.

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